

## **ABSTRACT OF THE DISCLOSURE**

The invention relates to a power device (100), comprising at least a first and a second DC-DC-converter (110, 120, 130), each converter having respective input and output voltages, and respective input and output currents, each converter (110, 120, 130) converting an input DC-voltage level to an output DC-voltage level, each converter comprising input means for a control signal ( $V_c$ ), the device (100) additionally comprising a control means (140) common to the first and second converters, and arranged to detect a first output voltage ( $V_{test}$ ) at a point (150) in the device which is a common point for the output voltages of the first and second converter (110, 120, 130), the control means (140) delivering a common control signal ( $V_c$ ) to the control input means of each converter, said common control signal ( $V_c$ ) being varied according to the level of the voltage at said common point (150).